

9/13/16

## 1. Product and Company Identification

**Product Name**
**FINISH® JET-DRY® Rinse Agent - All Scents**
**CAS #**

Mixture

This MSDS is designed for workplace employees, emergency personnel and for other conditions and situations where there is a greater potential for large-scale or prolonged exposure, in accordance with requirements of the Canadian Workplace Hazardous Materials Information System (WHMIS).

This MSDS is not applicable for consumer use of our products. For consumer use, all precautionary and first aid language is provided on the product label in accordance with the applicable government regulation.

**Product Use**

Rinse additive

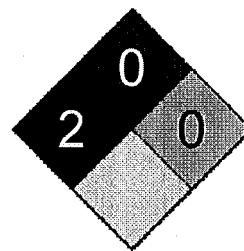
Finish Jet Dry  
Rinse Agent

**Distributed by**

Reckitt Benckiser (Canada) Inc.  
1680 Tech Avenue Unit #2  
Mississauga, ON L4W 5S9  
In Case of Emergency: 1-800-338-6167  
Transportation Emergencies: 24 Hour Number:  
North America: CHEMTREC: 1-800-424-9300  
Outside North America: 1-703-527-3887

LEGEND HMIS/NFPA	
Severe	4
Serious	3
Moderate	2
Slight	1
Minimal	0

Health	2
Flammability	0
Reactivity	0
Personal Protection	B



## 2. Hazards Identification

**Emergency Overview**
**CAUTION**

MAY IRRITATE EYES.  
DO NOT get in eyes.

Keep out of reach of children.

**Potential short term health effects**
**Routes of exposure**

Eye, Skin contact, Inhalation, Ingestion.

**Eyes**

Irritating to eyes.

**Skin**

None expected during normal conditions of use.  
Not expected to be a skin sensitizer.

**Inhalation**

None expected during normal conditions of use.

**Ingestion**

Health injuries are not known or expected under normal use.

**Target organs**

Eyes. Respiratory system. Skin.

**Chronic effects**

The finished product is not expected to have chronic health effects.

**Signs and symptoms**

Symptoms may include redness, oedema, drying, defatting and cracking of the skin.

**Potential environmental effects**

See section 12.

## 3. Composition/Information on Ingredients

Ingredient(s)	CAS #	Percent
Sodium cumenesulfonate	28348-53-0	1 - 5
Isotridecanoethoxylate	9043-30-5	10 - 30
Citric acid	77-92-9	3 - 7

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## 4. First Aid Measures

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### First aid procedures

<b>Eye contact</b>	If in eyes, rinse with water for 15 minutes. Get medical attention immediately. Remove any contact lenses and continue to rinse.
<b>Skin contact</b>	Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician.
<b>Inhalation</b>	Move to fresh air.
<b>Ingestion</b>	If swallowed, call a Poison Control Centre or doctor immediately. DO NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Consult a physician if necessary.
<b>Notes to physician</b>	Treat patient symptomatically.
<b>General advice</b>	If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Avoid contact with eyes and skin. Keep out of reach of children.

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## 5. Fire-fighting Measures

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<b>Flammable properties</b>	Not flammable by WHMIS criteria.
<b>Extinguishing media</b>	
<b>Suitable extinguishing media</b>	Treat for surrounding material.
<b>Unsuitable extinguishing media</b>	Not available
<b>Protection of firefighters</b>	
<b>Specific hazards arising from the chemical</b>	Not available
<b>Protective equipment for firefighters</b>	Firefighters should wear full protective clothing including self contained breathing apparatus.
<b>Hazardous combustion products</b>	May include and are not limited to: Oxides of carbon.
<b>Explosion data</b>	
<b>Sensitivity to mechanical impact</b>	Not available
<b>Sensitivity to static discharge</b>	Not available

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## 6. Accidental Release Measures

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<b>Personal precautions</b>	Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak.
<b>Environmental precautions</b>	Do not discharge into lakes, streams, ponds or public waters. Advise authorities if product has penetrated drains, sewers or water pipes.
<b>Methods for containment</b>	Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas.
<b>Methods for cleaning up</b>	Before attempting clean up, refer to hazard data given above. Small spills may be absorbed with non-reactive absorbent and placed in suitable, covered, labelled containers. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice. Never return spills in original containers for re-use.

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## 7. Handling and Storage

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<b>Handling</b>	Ensure adequate ventilation. EYE IRRITANT. DO NOT get in eyes. Use good industrial hygiene practices in handling this material. When using do not eat or drink. Wash hands before breaks and immediately after handling the product.
<b>Storage</b>	Keep out of reach of children. Keep in properly labelled containers. Keep containers tightly closed in a cool, well-ventilated place.

## 8. Exposure Controls / Personal Protection

### Exposure limit values

#### Ingredient(s)

#### Exposure limit values

Citric acid

ACGIH-TLV

TWA: 10 mg/m<sup>3</sup>

Isotridecanoethoxylate

ACGIH-TLV

Not established

Sodium cumenesulfonate

ACGIH-TLV

Not established

### Engineering controls

General ventilation normally adequate.

### Personal protective equipment

**Consult the product label for special protection or precautions that have been identified for using this product under directed consumer use conditions. The following recommendations are given for workplace employees, emergency personnel and for other conditions and situations where there is a greater potential for large-scale or prolonged exposure.**

#### Eye / face protection

safety glasses with side-shields  
Emergency responders should wear full eye and face protection.

#### Hand protection

Impervious gloves.  
Emergency responders should wear impermeable gloves.

#### Skin and body protection

Usual safety precautions while handling the product will provide adequate protection against injury or irritation.  
Emergency responders should wear impermeable clothing and footwear when responding to a situation where contact with the liquid is possible.

#### Respiratory protection

Not normally required under normal use conditions.  
Emergency responders should wear self-contained breathing apparatus (SCBA) to avoid inhalation of vapours generated by this product during a spill or other clean-up operations.

#### General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice.  
When using do not eat or drink.  
Washing with soap and water after use is recommended as good hygienic practice to prevent possible eye irritation from hand contact.

## 9. Physical and Chemical Properties

### Appearance

Liquid

### Colour

Blue or Green

### Form

aqueous solution

### Odour

perfumed

### Odour threshold

Not available

### Physical state

Liquid

### pH

3.0 ± 0.2 (100%)

### Freezing point

Not available

### Boiling point

> 100 °C (> 212.00 °F)

### Pour point

Not available

### Evaporation Rate

Not available

### Flash point

> 100 °C (> 212.00 °F)

### Auto-ignition temperature

Not available

### Flammability limits in air, lower, % by volume

Not available

### Flammability Limits in Air, Upper, % by Volume

Not available

### Vapour pressure

Not available

### Vapour density

Not available

### Specific gravity

1.03

### Octanol/water coefficient

Not available

## 10. Stability and Reactivity

<b>Reactivity</b>	This product may react with strong oxidizing agents.
<b>Possibility of hazardous reactions</b>	Hazardous polymerisation does not occur.
<b>Chemical stability</b>	Stable under recommended storage conditions.
<b>Conditions to avoid</b>	Extremes of temperature and direct sunlight. DO NOT MIX WITH BLEACH or use in conjunction with other household products.
<b>Incompatible materials</b>	Acids. Oxidizers.
<b>Hazardous decomposition products</b>	May include and are not limited to: Oxides of carbon.

## 11. Toxicological Information

### Component analysis - LC50

Ingredient(s)	LC50
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Citric acid	Not available
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Isotridecanoethoxylate	Not available
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Sodium cumenesulfonate	Not available
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### Component analysis - Oral LD50

Ingredient(s)	LD50
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Citric acid	5040 mg/kg mouse; 3000 mg/kg rat
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Isotridecanoethoxylate	1080 mg/kg rat
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Sodium cumenesulfonate	7000 mg/kg rat
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### Effects of acute exposure

<b>Eye</b>	Irritating to eyes.
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<b>Skin</b>	None expected during normal conditions of use. Not expected to be a skin sensitizer.
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<b>Inhalation</b>	None expected during normal conditions of use.
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<b>Ingestion</b>	Health injuries are not known or expected under normal use.
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<b>Sensitisation</b>	The finished product is not expected to have chronic health effects.
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<b>Chronic effects</b>	The finished product is not expected to have chronic health effects.
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<b>Carcinogenicity</b>	The finished product is not expected to have chronic health effects.
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<b>Mutagenicity</b>	The finished product is not expected to have chronic health effects.
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<b>Reproductive effects</b>	The finished product is not expected to have chronic health effects.
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<b>Teratogenicity</b>	The finished product is not expected to have chronic health effects.
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<b>Name of Toxicologically Synergistic Products</b>	Not available
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## 12. Ecological Information

<b>Ecotoxicity</b>	See below
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### Ecotoxicity - Freshwater Algae - Acute Toxicity Data

Sodium cumenesulfonate	28348-53-0	72 Hr EC50 Desmodesmus subspicatus: >1000 mg/L
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### Ecotoxicity - Freshwater Fish - Acute Toxicity Data

Citric acid	77-92-9	96 Hr LC50 Lepomis macrochirus: 1516 mg/L [static]
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### Ecotoxicity - Water Flea - Acute Toxicity Data

Citric acid	77-92-9	72 Hr EC50 Daphnia magna: 120 mg/L
Sodium cumenesulfonate	28348-53-0	24 Hr EC50 Daphnia magna: >1000 mg/L

<b>Persistence and degradability</b>	Not available
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<b>Bioaccumulation/accumulation</b>	Not available
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<b>Mobility in environmental media</b>	Not available
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<b>Environmental effects</b>	Not available
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<b>Aquatic toxicity</b>	Not available
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<b>Partition coefficient</b>	Not available
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<b>Chemical fate information</b>	Not available
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Other adverse effects

Not available

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### 13. Disposal Considerations

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**Disposal instructions**

Dispose in accordance with all applicable regulations.  
Empty container can be disposed of as household trash or rinsed and recycled where appropriate.

**Waste from residues / unused products**

Not available

**Contaminated packaging**

Not available

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### 14. Transport Information

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UN/ID N.o.

Not applicable

**U.S. Department of Transportation (DOT): Classification:** Not regulated

**Proper shipping name**

Not applicable

**U.S. DOT Hazard Class**

Not applicable

**Subsidiary Risk**

Not applicable

**Packing group**

Not applicable

**DOT RQ (lbs)**

Not applicable

**ERG NO**

Not applicable

**Transportation of Dangerous Goods (TDG - Canada): Classification:** Not regulated

**Proper shipping name**

Not applicable

**Status**

Not applicable

**Packing group**

Not applicable

**IMDG (Marine Transport): Classification:** Not regulated

<b>Proper shipping name</b>	Not applicable
<b>Class</b>	Not applicable
<b>Subsidiary Risk</b>	Not applicable
<b>Packing group</b>	Not applicable
<b>IMDG Page</b>	Not applicable
<b>Marine pollutant</b>	Not applicable
<b>EMS</b>	Not applicable
<b>MFAG</b>	Not applicable
<b>Maximum Quantity</b>	Not applicable

**IATA/ICAO (Air): Classification:** Not regulated

<b>Proper shipping name</b>	Not applicable
<b>Class</b>	Not applicable
<b>Subsidiary Risk:</b>	Not applicable
<b>Packing group</b>	Not applicable
<b>Maximum Quantity</b>	Not applicable

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## 15. Regulatory Information

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**Canadian federal regulations**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

Product Registration: Product is compliant with CCCR regulatory guidelines; a specific registration is not required for this product.

**Canada - WHMIS - Ingredient Disclosure List**

Citric acid	77-92-9	1 %
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**WHMIS classification**

Exempt - Consumer product

**Inventory Status**

<b>Country(s) or region</b>	<b>Inventory Name</b>	<b>On Inventory (Yes/No)*</b>
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

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## 16. Other Information

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**Disclaimer**

This product should only be used as directed on the label and for the purpose intended. To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

**Further information**

FINISH® JET-DRY® Rinse Agent, 125 mL/250 mL/621 mL - 0386301V2.0

FINISH® JET-DRY® Rinse Agent, 946 mL - 0356277v5.0

FINISH® JET-DRY® Rinse Agent - Green Apple Vinegar, 250 mL - 8004224v2.0

**Issue date**

21-Nov-2012

**Effective Date**

15-Nov-2012

**Expiry Date**

15-Nov-2015

**Prepared by**

Reckitt Benckiser Regulatory Department 800-333-3899

**Other Information**

For an updated MSDS, please contact the supplier/manufacture listed on the first page of the document.